

L7 ANSWER 11 OF 113 WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD
 ACCESSION NUMBER: 2001-001588 [01] WPIDS
 DOC. NO. NON-CPI: N2001-001295
 DOC. NO. CPI: C2001-000433
 TITLE: Alumina sol coating liquid for manufacture of recording
 sheet contains hydrated alumina, ***polyvinyl***
 alcohol having predetermined
 saponification degree and specified amount of
 boric acid and/or borate.
 DERWENT CLASS: A14 A82 A97 E33 G02 P75 T04
 PATENT ASSIGNEE(S): (ASAG) ASAHI GLASS CO LTD
 COUNTRY COUNT: 1
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
JP 2000239578	A	20000905	(200101)*		5

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
JP 2000239578	A	JP 1999-43674	19990222

PRIORITY APPLN. INFO: JP 1999-43674 19990222

AN 2001-001588 [01] WPIDS

AB JP2000239578 A UPAB: 20001230

NOVELTY - An alumina sol coating liquid contains hydrated alumina,
 polyvinyl ***alcohol*** having 89% or less of
 saponification degree and 0.1-50 weight% of boric acid and/or
 borate.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
 following: (i) a recording sheet which comprises a porous layer containing
 hydrated alumina on the base material. The recording sheet contains 0.1-50
 weight% of boric acid and/or borate and 5-50 weight% ***polyvinyl***
 alcohol having ***saponification*** degree of 89% or less for
 hydrated alumina into a porous layer for ***polyvinyl***
 alcohol ; and (ii) manufacture of recording sheet. The method
 involves coating alumina sol coating liquid on a base material and drying
 at below 120 deg. C.

USE - For manufacture of recording sheet (claimed) which is used as
 recording medium for ***inkjet*** printers.

ADVANTAGE - The alumina sol coating liquid excels in time dependent
 stability and ink absorbability. The liquid inhibits the formation of
 microcrack during drying.

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